Author Index to Volume 24 (1992)

Aceves, A.B., S1269
Adomaitis, E., 1181
Albers, P., 363
Alda, J., 1351
Amos, W.B., 851
Anan, T., S245
Angelov, I., 1173
Annovazzi-Lodi, V., 285
Asakura, T., 631
Austin, L., S993

Badziak, J., 1381
Baker, S.R., 517
Barnes, N., S505
Barnes, P., S177
Bastiaans, M.J., S1011
Baumler, W., 313
Belanger, P.-A., S1051
Belic, M., 745
Benson, T.M., 83
Bernabeu, E., 1351
Bindal, P., 1359
Bisyarin, M.A., 303
Bjork, G., S215
Boyde, G.D., S147
Branzalov, P.P., 565
Brommer, K.D., S273
Brorson, S.D., S245
Button, C., S177
Buydens, L., S167

Cai, B., 619
Canal, F., 1191
Capjack, C.E., S889
Caprara, A., S1001
Cassidy, S.A., S491
Changde Xie, 611
Chen, Y., 539
Cloonan, T.J., S415, S443, S465
Coldren, L.A., S105
Cooke, P., S133
Corzine, S.W., S105
Curley, P.F., 851
Cutolo, A., S963

Daryanani, S., S133
Demeester, P., S167
Dilwali, S., 41, 661
Dios, F., 1191
Donati, S., 285
Du, K.-M., S1081, S1095, S1119
Duarte, F.J., 49
Dubicki, A., 1381

Edmundson, D.E., S1295
Eftimov, T.A., 677
Enns, R.H., S1295
Eppich, B., S973
Erickson, J.R., S415
Esener, S.C., S379
Evaldsson, P.A., S133

Feldblum, A.Y., S465
Ferguson, A.I., 705, 851
Ferreri, F., S963
Fill, E.E., 1343
Firth, W.J., S1315
Fleischer, J., S993
Fukushima, S., 1151
Furthner, J., 591

Gadjiev, F.N., 1165
Gal, M., 587
Galvanauskas, A., 1181
Gao Dingsan, 775
Gase, R., S1109
Geels, R.S., S105
Gmitter, T.J., S273
Gordon, J.P., S1215
Greve, P., S993
Grosenick, D., 1181

Haase, T., S903, S927
Hagan, D.J., 1
Harth, A., 1339
Hayashi, J., S479
Healey, P., S491, S505
Heasell, E.L., 89
Heckenberg, N.R., S951
Henry, W.M., 833
Herziger, G., S1081, S1095, S1119
Hinton, H.S., S465
Hodgkinson, T.G., S491
Hodgson, N., S903, S927
Honmou, H., S479
Hu, Y., 619
Hutchings, D.C., 1

Iga, K., S97
Ippen, E.P., S245
Isernia, T., S963
Islam, M.N., S1215
Itoh, M., S479
Ivanov, L.M., 565

Jin Enshun, 775
Joannopoulos, J.D., S273
Jones, D.R., 67, 73
Juboje, Z.I., 745

Kanellopoulos, J.D., 755
Kaplan, A.E., S1295
Kasahara, K., S121, 783
Kendall, P.C., 83
Kiamilev, F., S379
Klose, E., 1181
Koprinkov, I.G., 345
Kosaka, H., S121
Kostka, R., S927
Kovachev, L.M., 55
Krishnamoorthy, A.V., S379
Krotkus, A., 1181
Kunchi Peng, 611
Kunii, T., 719
Kurihara, K., S121
Kurokawa, T., 1151
Kuszelewicz, R., S193

Ladouceur, F., 1373
Langridge, P.E., S1315
Lavigne, P., S1071
Lederer, F., 691
Lee, S.H., S379
Lentine, A.L., S415, S443
Leung, K.M., S273
Little, C.E., 67, 73
Livescu, G., S147
Livingstone, E.S., 73
Ljuboje, Z., 745
Loosen, P., S1081, S1095, S1119
Love, J.D., 1373
Lu, B., 619
Lu, D.-T., S379

Machida, S., S215
Mackenzie, F., S491
Maitland, A., 73
Malcolm, G.P.A., 705
Marchand, P.J., S379
Martinez-Herrero, R., S873, S881, S1021
Matsui, Y., 719
McCormick, F.B., S415, S443, S465
McDuff, R., S951
McGregor, J.M., 89
McKee, P., S505
Meade, R.D., S273
Mears, R.J., 517

Mejias, P.M., S873, S881, S1021
Merlo, S., 285
Mersereau, K.O., S465
Michel, J.C., S193
Mitsunaga, M., 1137
Moloney, J.V., S1269
Molotkov, I.A., 303
Morin, M., S1071
Murti, Y.V.G.S., 575
Muschall, R., 691

Nagahori, T., S479
Nambu, Y., S245
Neira, J.L.H., S1021
Neuenschwander, B., 363
Newell, A.C., S1269
Nikumb, S.K., S889
Ning Hua Zhu, 737
Nishi, K., S245
Nogues, X., 1191
Numai, T., S121

O'Neill, A.W., S505
Ogura, I., S121
Ogura, M., S209
Oudar, J.L., S193
Ozguz, V.H., S379

Pang, Y., 841
Pare, C., S1051
Parent, A., S1071
Parry, G., S177
Paturi, R., S379
Pavlov, L.I., 565
Peixuan Jiang, 555
Penzkofer, A., 313, 591
Philip, J., 825
Pierri, R., S963
Pin Yang, 611
Planel, R., S193
Prasada Rao, T.A., 575, 825

Rangnekar, S.S., S1295
Rappe, A.M., S273
Reali, G.C., S1001
Rejman-Greene, M.A.Z., S505
Reng, N., S973
Renner, H., 647
Reshef, H., S889
Richards, G.W., S415
Richter, P., S865
Rivers, A., S177
Roberts, C., S177
Roberts, J.S., S177
Romagnoli, M., S1237
Rowland, D.R., 31
Rubinsztein-Dunlop, H., S951
Ruhl, F., S1081, S1095, S1119
Ruining Li, 611
Rustamov, F.A., 1165

Sanchez, M., S1021
Sasian, J.M., S465
Schmauss, B., 603
Schmidt-Hattenberger, C., 691
Scott, E.G., S505
Scott, J.W., S105
Seguin, H.J.J., S889
Serna, J., S873, S881
Sfez, B., S193
Shaomin Wang, 1351
Shaozheng Jin, 611
Sharma, A., 1359
Sheik-Bahae, M., 1
Shi Jiawei, 775
Shore, K.A., S209
Smith, C.P., S951
Snyder, A.W., 31
Soccolich, C.E., S1215
Soghomonian, M.S., 83
Soundra Pandian, G., 41, 661
Staton-Bevan, A., S177
Stegeman, G.I., S1325
Strathopoulos, N.A., 755
Streibl, N., S405
Stride, A.A., S177
Sugimoto, M., S121
Suzuki, M., S245

Takai, N., 631
Tann, J., 587
Tari, T., S865
Taylor, G.W., S133
Taylor, P.C., 587
Tiancai Zhang, 611
Tooley, F.A.P., S465
Travis, A., 833
Trillo, S., S1237
Trutschel, U., 691
Tsalikian, K.B., 677

Uji, T., S479
Uzunov, I.M., 1401

Van Daele, P., S167
Van Stryland, E.W., 1
Vasil'ev, P.P., 801
Vijaya, R., 575

Wabnitz, S., S1237
Watanabe, I., S479
Webb, R.P., S505
Weber, H., S861, S927, S1027
Weber, H.P., 363
Wegener, M.J., S951
White, B.R., S505
White, J.G., 851
Whitehead, M., S177
Wilson, J., S1325
Wise, F., 841
Wood, D., S505
Woodbridge, K., S177
Wright, D., S993, S1129
Wright, E.M., S1325

Xiang Yu, 737
Xing Shi Zheng, 737
Xiupu Zhang, 555
Xu, S., 619
Xu, Z.Y., 587

Yablonovitch, E., S273
Yamamoto, Y., S215
Yankov, P., 1173
Yelden, E.F., S889
Yi Kun Lin, 737
Yokoyama, H., S245
Yoshimura, H., 631
Yuekui Wang, 611

Zeni, L., S963
Zhang, J., 1343
Zhang, X., S177
Zhengbin Li, 555
Zurl, K., S405

Subject Index to Volume 24 (1992)

aberrations, 619, S865
aluminium compounds, S147, S167, S177
amorphous semiconductors, 587

biological techniques and instruments, 851

carbon compounds, S1119
CCD image sensors, 89
chaos, 745
chemical lasers, 67, 73
CMOS integrated circuits, S405
computer-generated holography, S505, S951
convergence of numerical methods, 1359
copper, 73
copper compounds, 73
crosstalk, 1373

delays, 1181
demodulation, 555
directional couplers, 603, 1191, S1315, S1325
distributed Bragg reflector lasers, S121, 719
distributed feedback lasers, 719
dye lasers, 313

electro-optical devices, S147, S167, S177, S415, S443, S505, 783, 1381
electromagnetic wave scattering, 83
encoding, 603
energy gap, S273
erbium, 517, S1325
errors, 555
excimer lasers, 1381

feedback, 1173
ferroelectric devices, 1151
ferroelectric liquid crystals, 1151
fibre lasers, 31, 517, S1325
fibre optic sensors, 587
field effect integrated circuits, S133
fluorescence, 575, 851
Fourier transform optics, S951
frequency shift keying, 41, 555, 661

gallium arsenide, S105, S147, S167, S177, S193
gas lasers, S927, S1119, 1339
geometrical optics, 49, S1051, 1351
gradient index optics, 303

helium, S927
high-speed optical techniques, 303, 313, 801, 841, 851, 1137, 1173, 1181, S1215, S1325, 1381
holographic gratings, 1165
holography, S379, 1151
hydrogen, 587

III-V semiconductors, S105, S147, S167, S177, S193
image processing, 1151
indium compounds, S105, S167
infrared spectra of inorganic solids, 591
integrated optics, 83, S167, S177, 587, 737, 755, 1191, S1269, 1359, 1373
integrated optoelectronics, S133, S405, S465, 783
ion lasers, 1343
iron, 67
iron compounds, 67
iterative methods, 1359

Kerr electro-optical effect, 825
Kramers-Kronig relations, 1

laser beam applications, 851
laser beams, 345, S861, S865, S873, S881, S889, S903, S927, S951, S963, S973, S993, S1001, S1021, S1027, S1051, S1071, S1081, S1095, S1109, S1119, S1129
laser cavity resonators, S97, S105, S121, S133, S209, S215, S245, S273, 313, 345, 619, 841, S889, S903, S951, S1071, S1095, 1339
laser mode locking, 313, 705, 801, 841, 851, 1173
laser modes, S245, 719, S881, S903, S963, S1081, S1095, S1109, S1119
laser theory, S1095, S1109
laser transitions, 67, 1343
laser variables measurement, S927, S963, S973, S993, S1119, S1129, 1181
lenses, S465, S865
light absorption, 1
light coherence, 285, 631, S873, S1011, S1021, S1081, S1119
light diffraction, 631, S903, S1129, 1351
light emitting diodes, S405, S479
light interferometers, 41
light interferometry, 285, S951
light polarisation, 677
light propagation, S861, S873, S993, S1011, S1021, S1027, S1051, S1071, 1351
liquid crystal devices, 1151
liquid crystal phase transformations, 825
lithium compounds, 737
losses, 83
luminescence of inorganic solids, 591
luminescence of organic solids, 575

matrix algebra, 49, 619, S1051
measurement standards, S993, S1129
mirrors, 345, S1071
multiphoton processes, 1401
multiplexing, 603, S1315

multiplexing equipment, S415, S443
multiwave mixing, 55, 745, 1165

nematic liquid crystals, 825
neodymium, 363, 591, S903, S927, S973, S1001, 1173
neon, S927
neural nets, S505
noise, 285
nonlinear optical susceptibility, 1, 825, 1401
nonlinear optics, 303, 565, 755, 851, 1191, S1237, S1315, S1325
numerical methods, 745

optical bistability, S193, 587, S1295
optical communication, 285
optical communication equipment, S415, S443, S479, 555, 661
optical constants, S273
optical couplers, 31, 345, S491, 539, 603, 691, 833, 1191, S1237, S1315, S1325
optical dispersion, 49, 565
optical fibres, 31, 55, 303, 345, S405, S491, 539, 565, 603, 631, 677, 691, 833, S1215, S1237, S1315, S1325, 1401
optical films, 755
optical filters, 41
optical glass, 591
optical information processing, S379, S405, 783, 1137, 1151
optical interconnections, S147, S379, S405, S415, S443, S465, S479, S491, S505
optical Kerr effect, S1051, S1269
optical links, 41, 555, 603
optical logic, S415, 783, S1215
optical losses, 285, S903, 1373
optical materials, 575
optical microscopy, 851
optical modulation, 41, 55, S147, S167, S177, S505, 555, 661, 801, 1151, 1181
optical phase conjugation, 575, 745
optical prisms, 49
optical pumping, 363, 705, 1339, 1343
optical resonators, S147, S177, S193, 619
optical saturable absorption, 313, 841
optical self-focusing, 611
optical storage, 1137
optical switches, 31, S121, S133, S147, S415, S443, 587, 783, S1215, S1237, S1269, S1295, S1315, S1325
optical waveguide theory, 31, 55, 303, 539, 565, 603, 647, 737, 755, 833, 1191, S1269, 1359, 1373
optical waveguides, 345
optical zone plates, 1351
organic compounds, 313, 611, 825

p-i-n diodes, S177
parallel architectures, S379, S405, S505
pattern recognition, S951
phase modulation, 55
photodetectors, 285, S505, 555
photoluminescence, 591
photon echo, 1137
photorefractive effect, 745, 1165
phototransistors, S133
physical optics, S1011

Q-switching, 801, S1001, 1381
quantum optics, S215, S245, S273, 285

rare earth compounds, 611
receivers, S405, S479, 555
reflectivity, 575
refractive index, 1
reliability, 775
reviews, S97, 705, 783, 801, 1137, S1237, S1295

sapphire, 841, 851
Schrodinger equation, 303, S1237
semiconductor lasers, S97, S105, S121, S133, S209, S215, S405, S479, 661, 719, 775, 801, S881, 1181
semiconductor quantum wells, S147, S167, S177, S193
semiconductor superlattices, S167
semiconductor switches, S133, S147
silicon, 587
solid lasers, 363, 705, 841, 851, S903, S927, S973, S1001, 1173
solitons, 55, 565, S1215, S1237, S1269, S1295, S1325, 1401
spectral line breadth, 719
standardisation, S993
statistical analysis, S1095
submillimetre wave devices, 1339
superradiance, 591
surface topography, 83

thermo-optical effects, 611
thermometers, 587
titanium, 841, 851
transmitters, S479
two-photon spectroscopy, 851

variational techniques, 737, 1359
visible spectra of organic molecules and substances, 575

waveguide theory, 83
white noise, 555

X-ray lasers, 1343